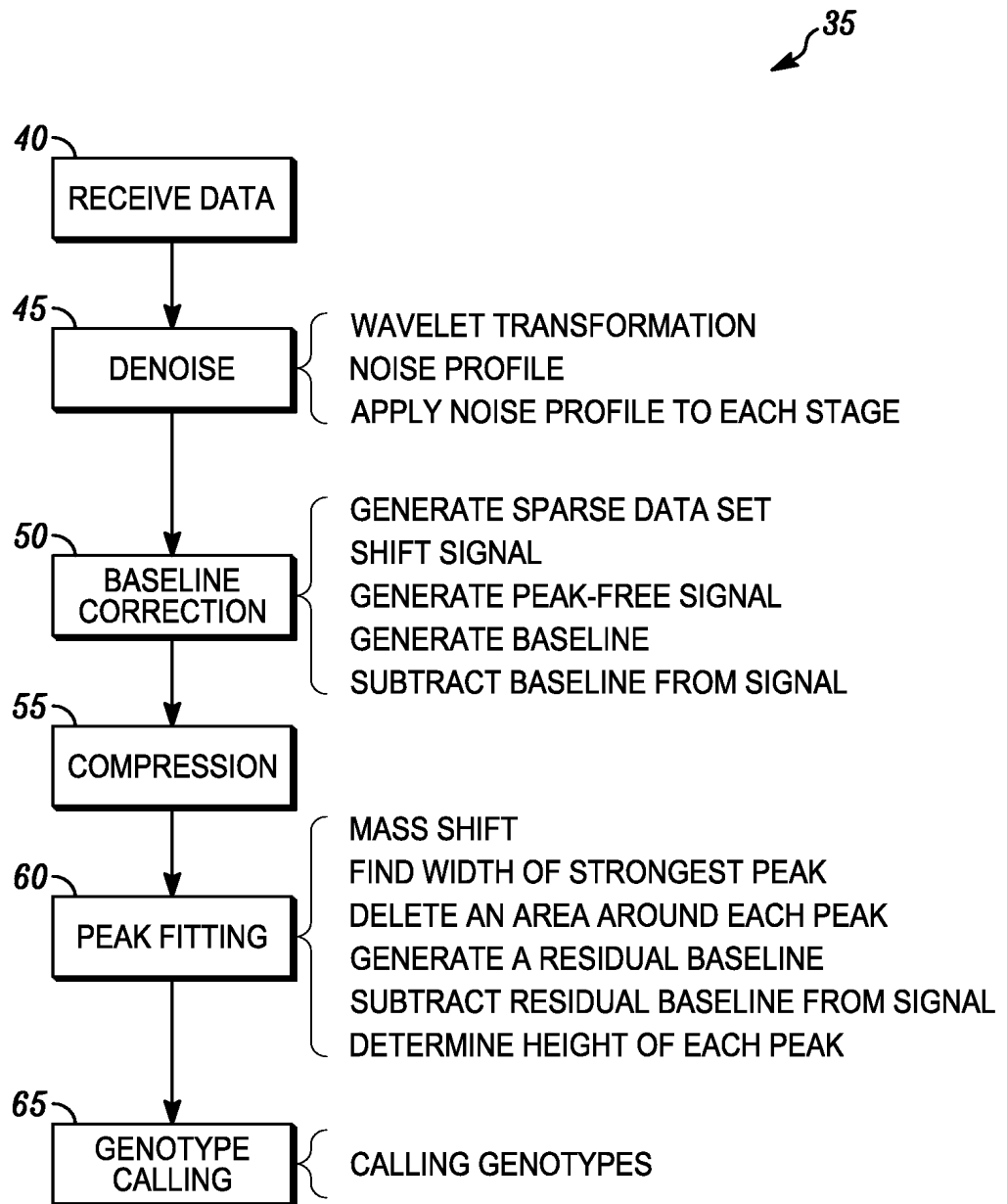
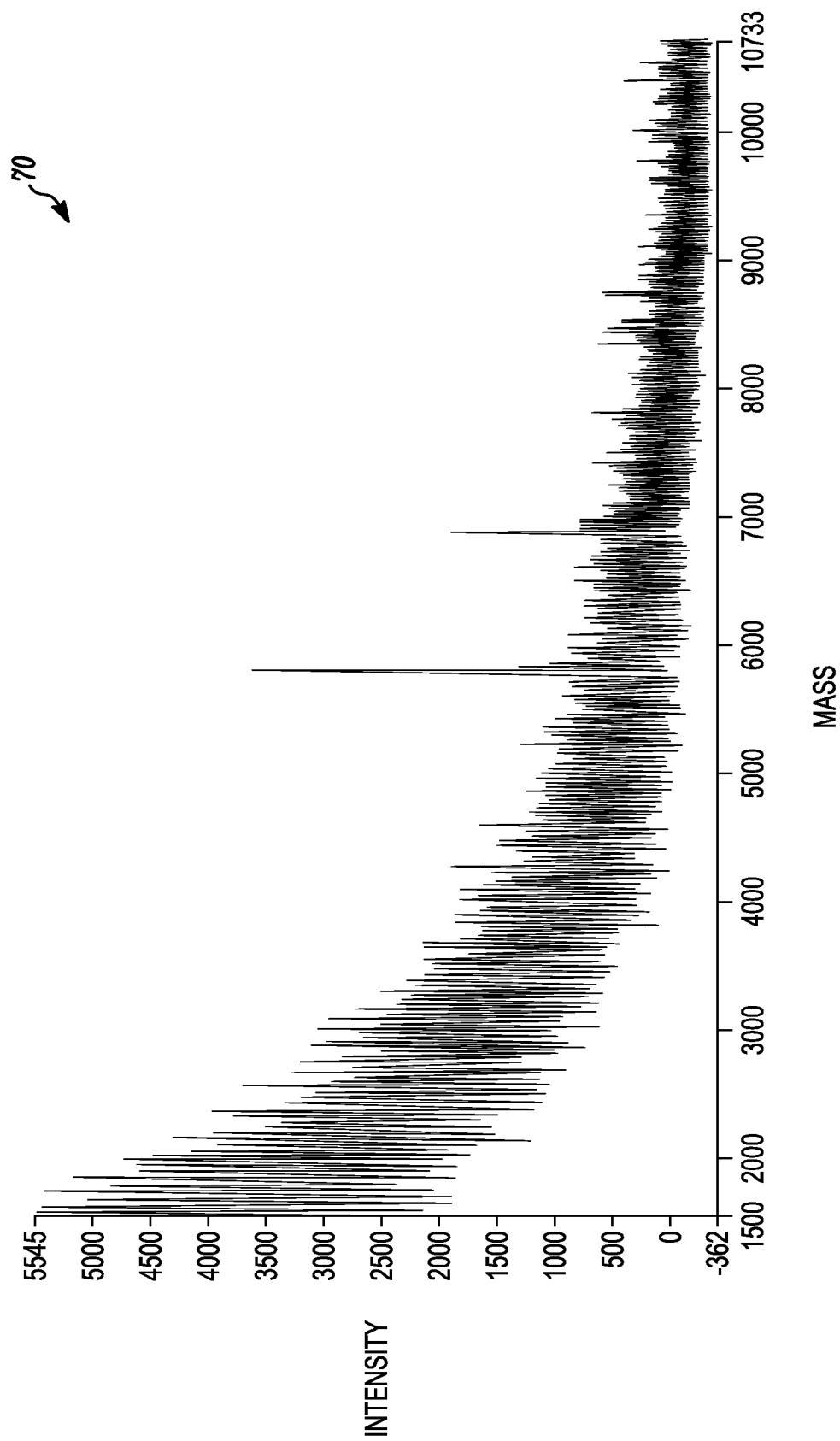
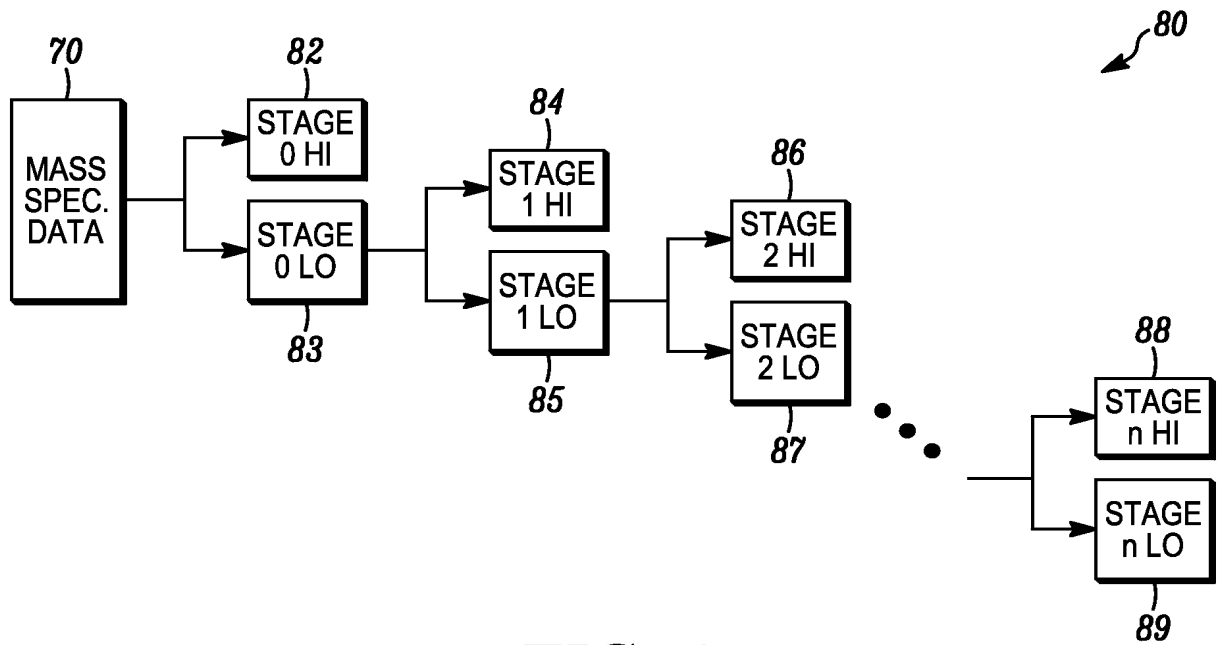
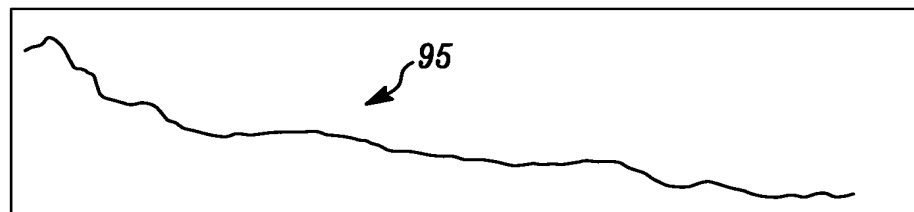
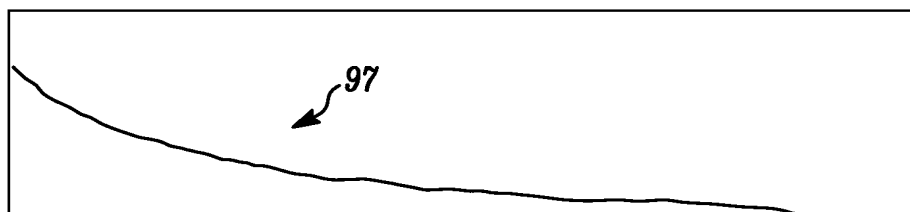
*FIG. 1*

*FIG. 2*

*FIG. 3*

*FIG. 4**FIG. 5*

EXP FITTING
 $a_0 + a_1 \exp^x(a_2 m)$

FIG. 6

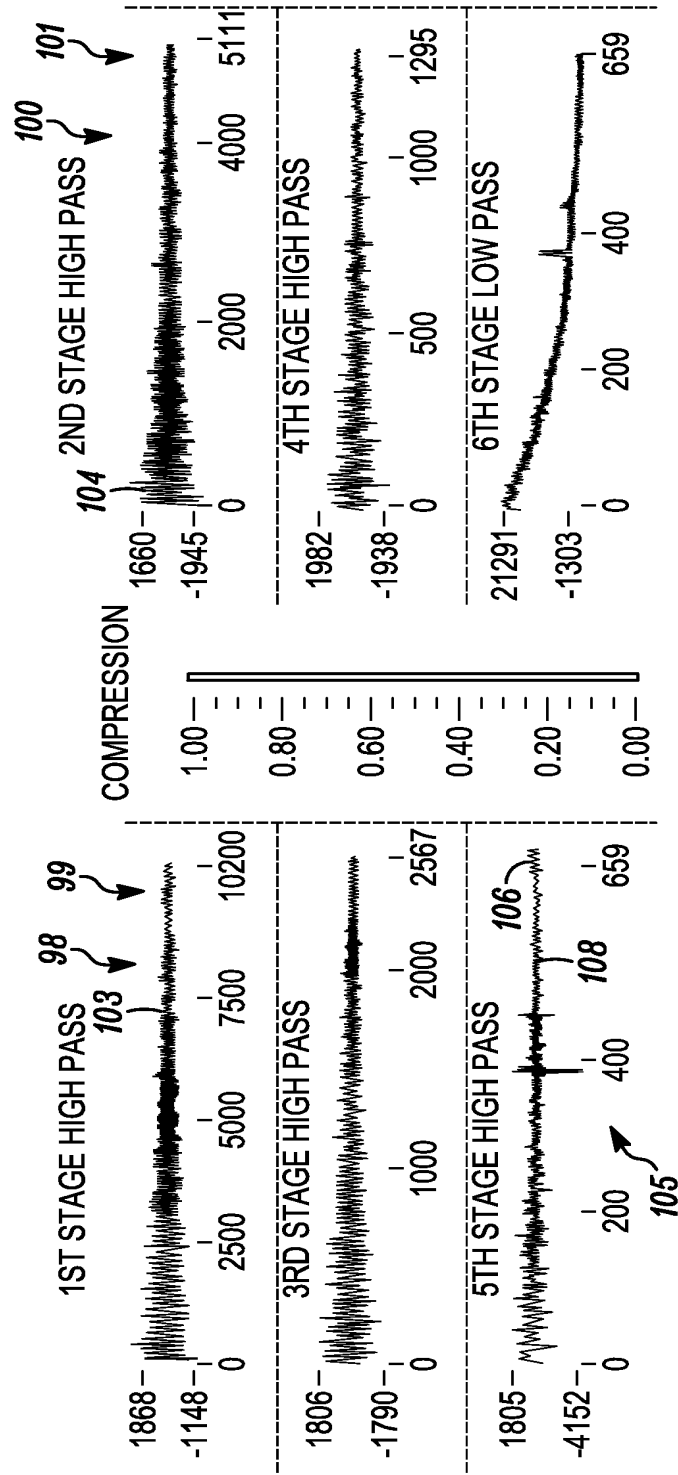
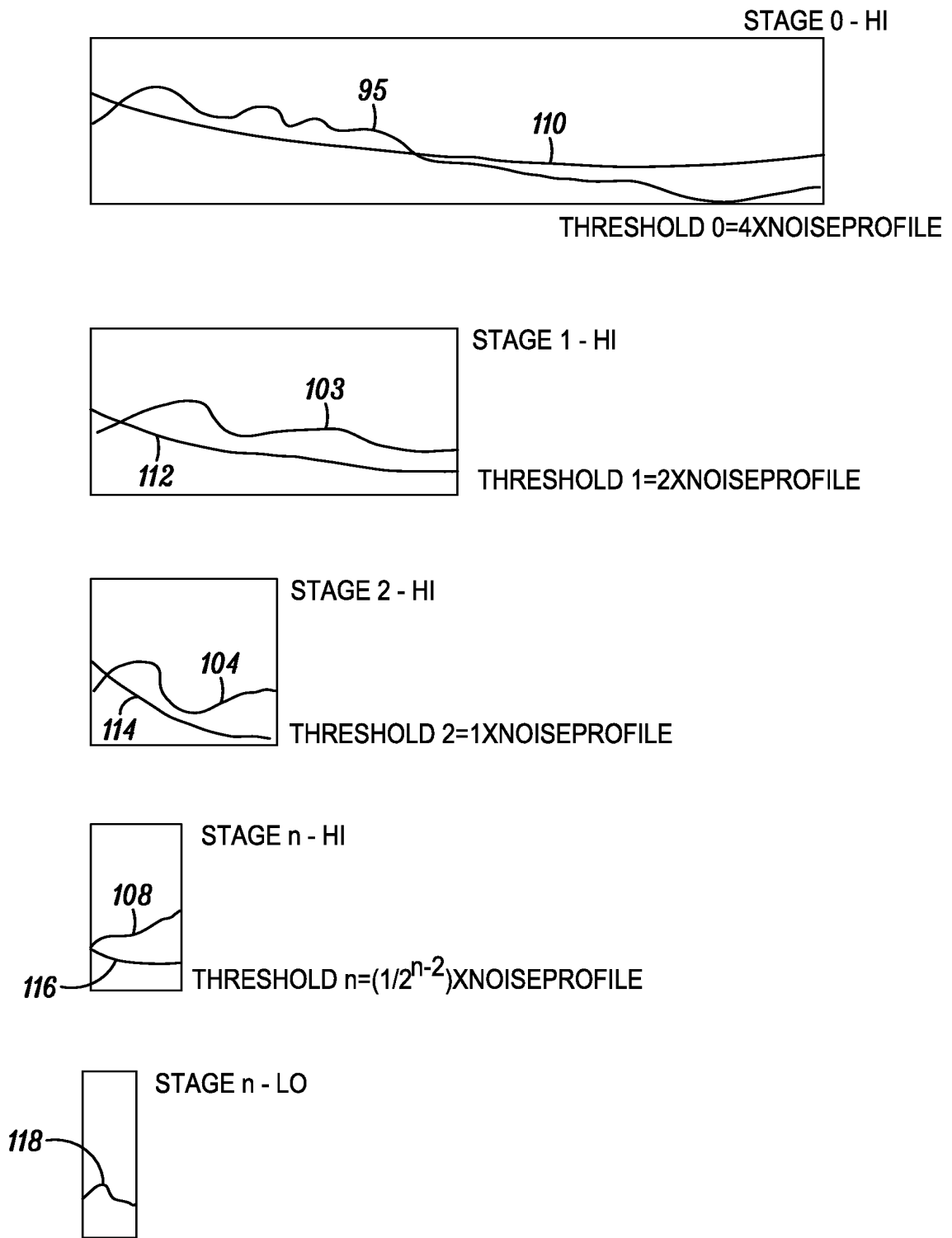


FIG. 7

*FIG. 8*

120

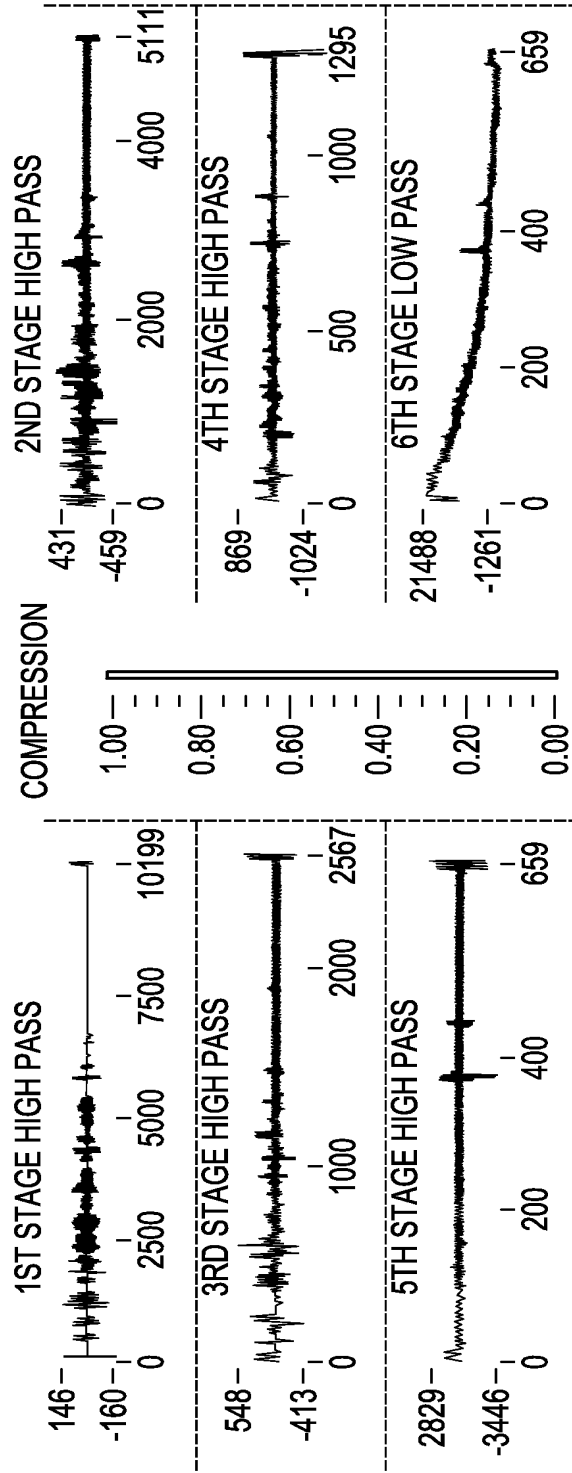
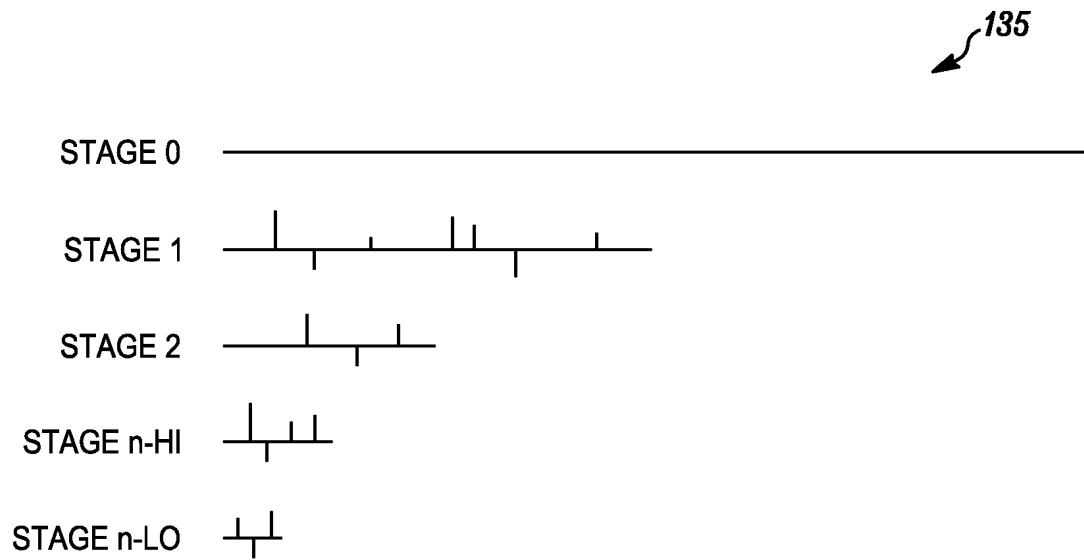
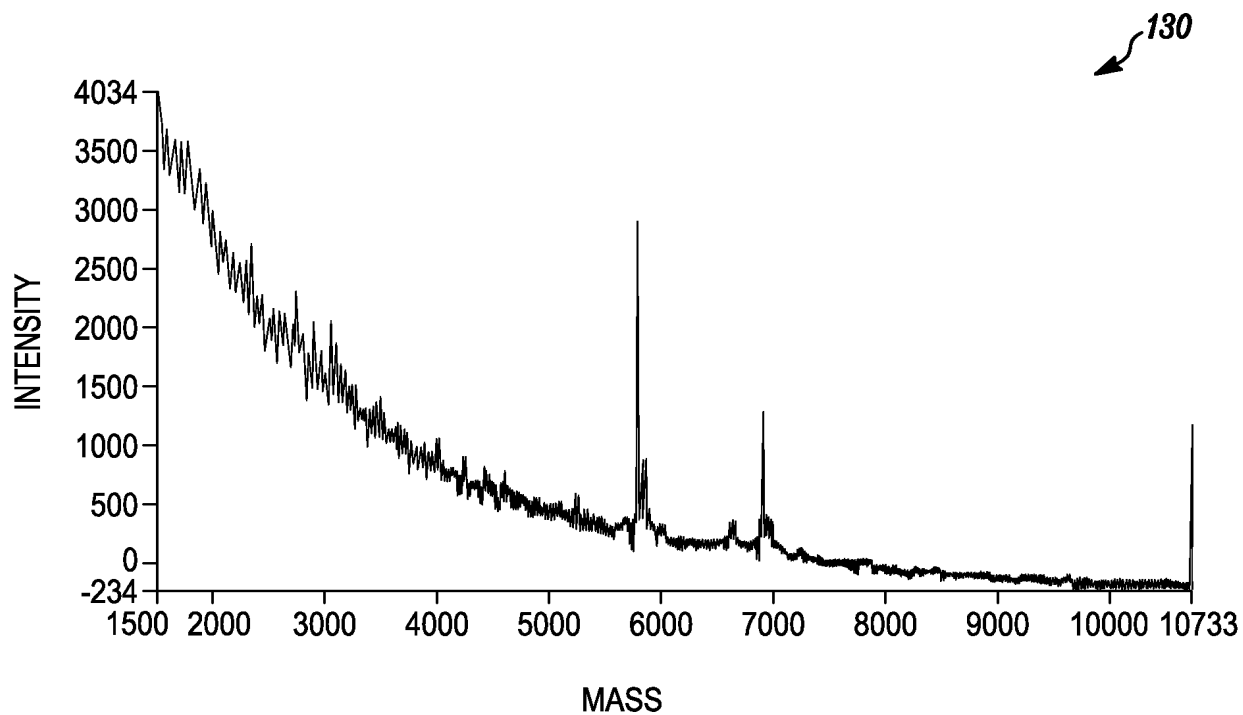
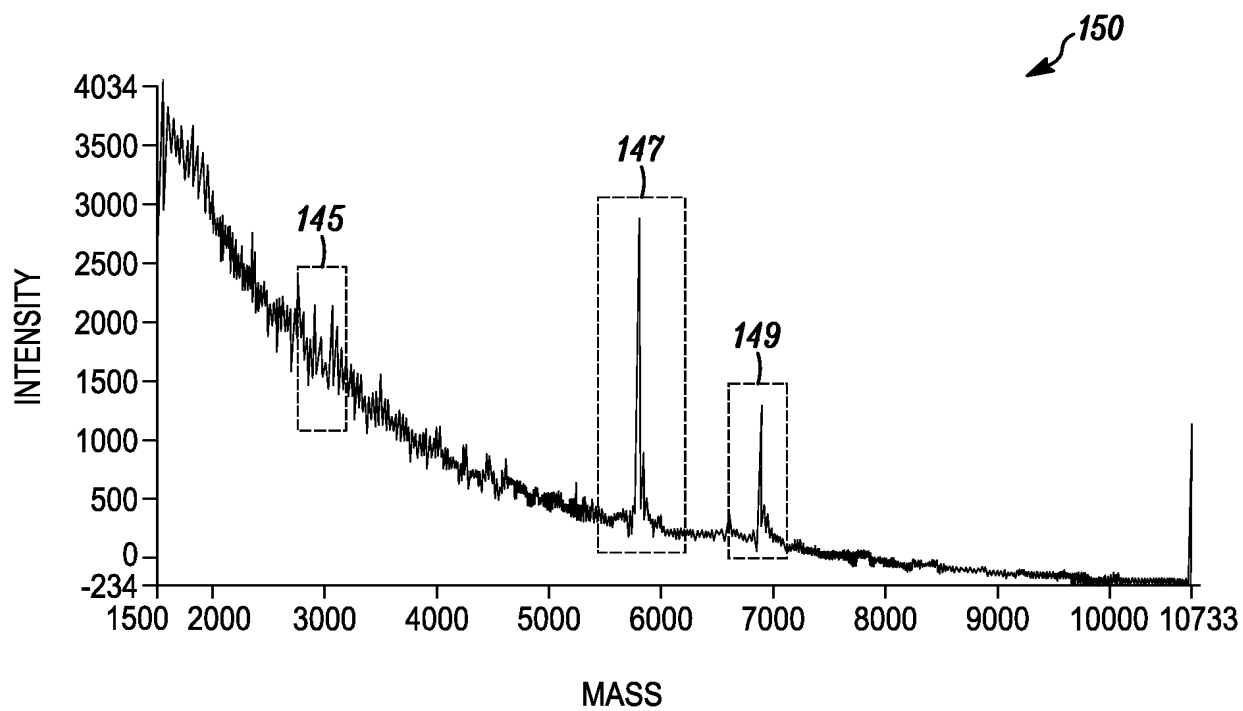
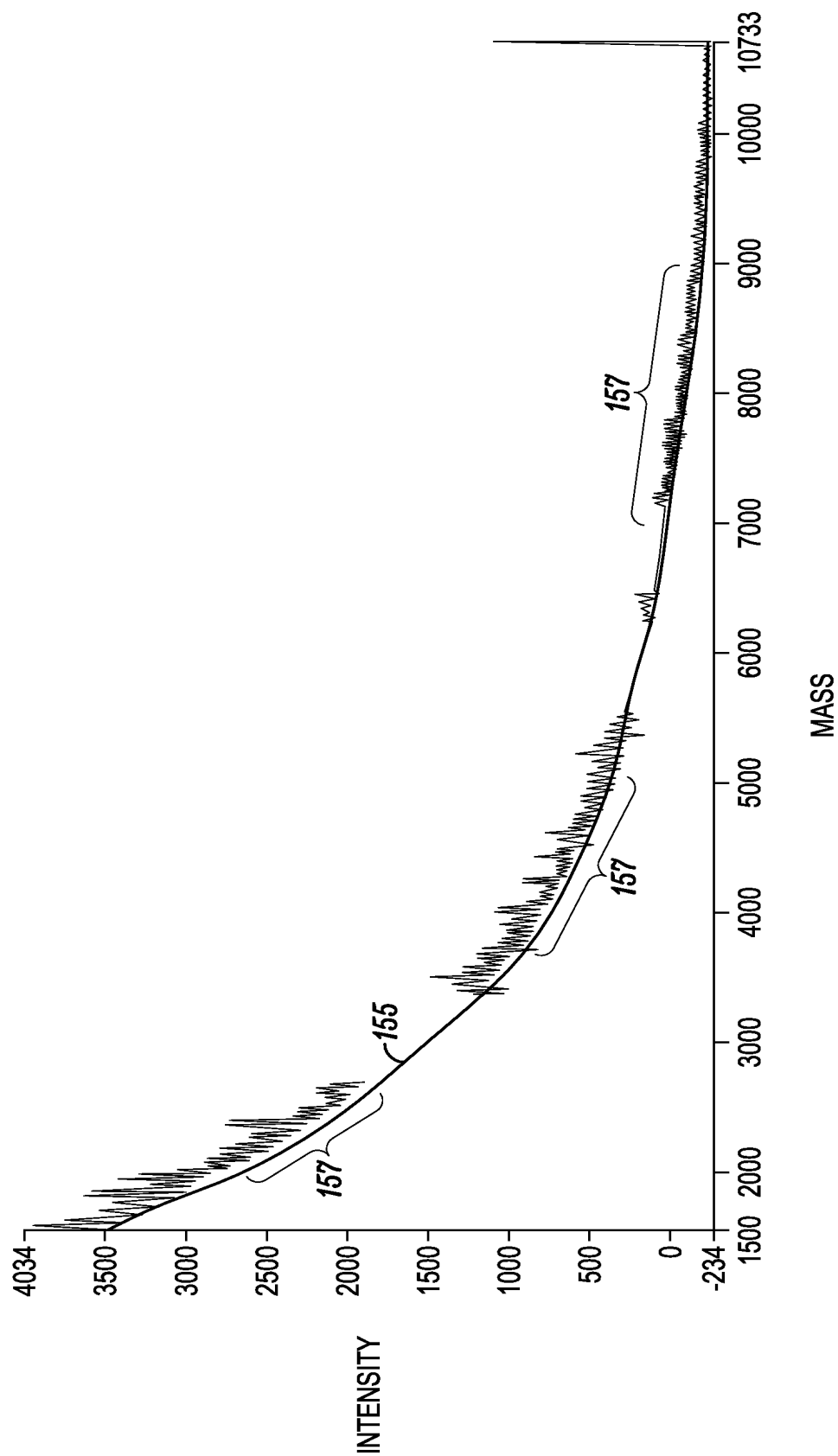


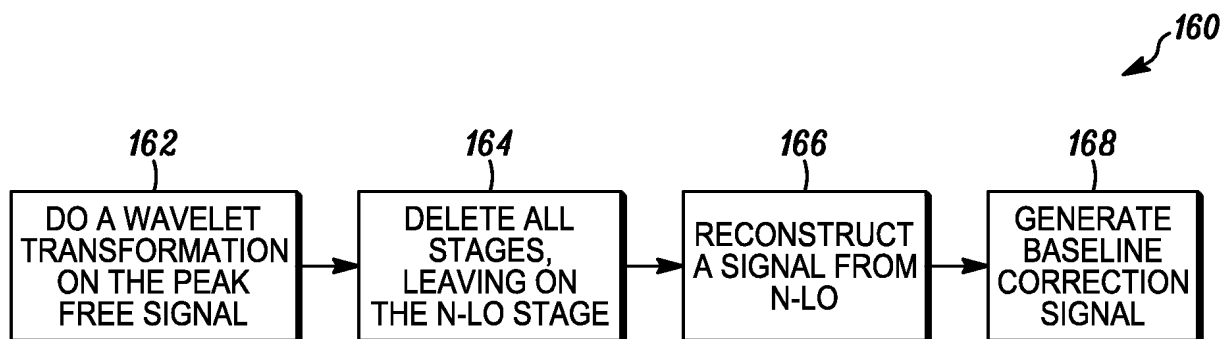
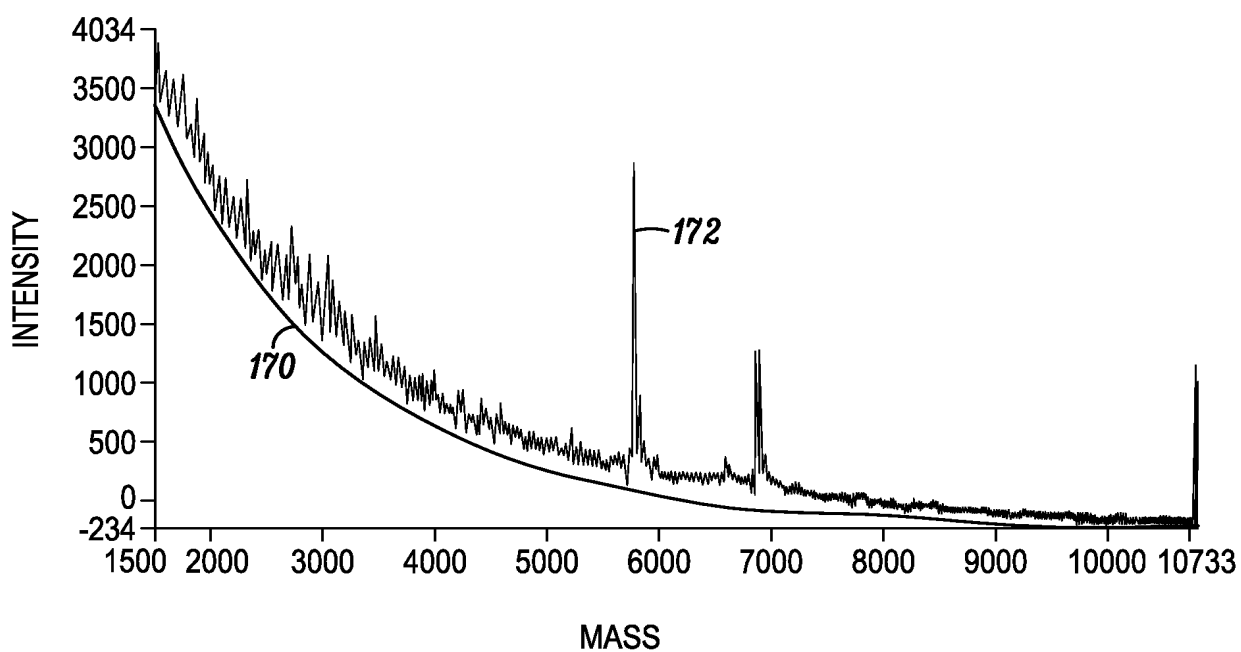
FIG. 9

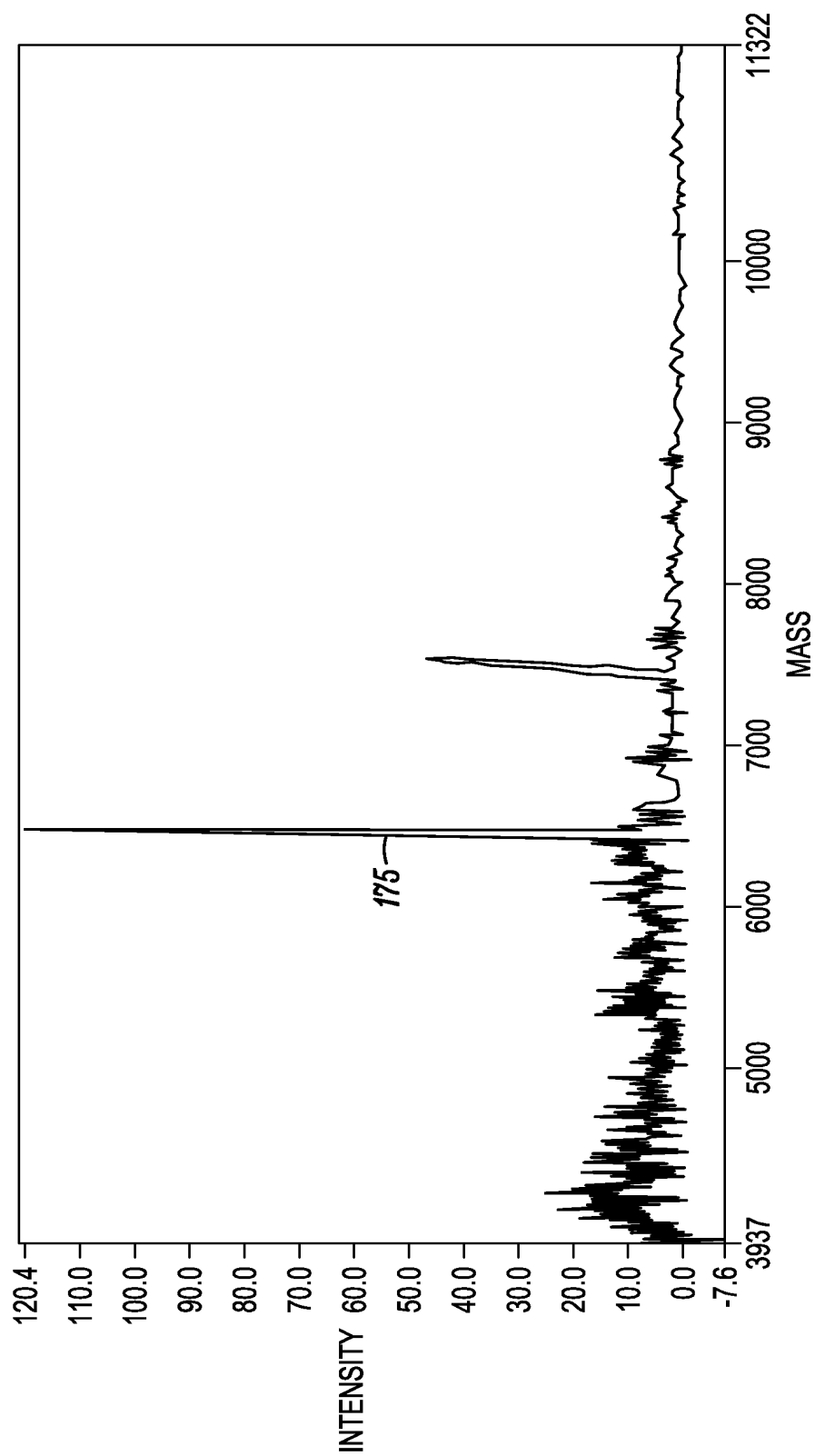
$$\text{SIGNAL (t)} = \frac{(\text{START } 0(t) + \text{START } 1(t) + \text{START } 2(t) \dots + \text{START } 23(t))}{24}$$

FIG. 10*FIG. 11*

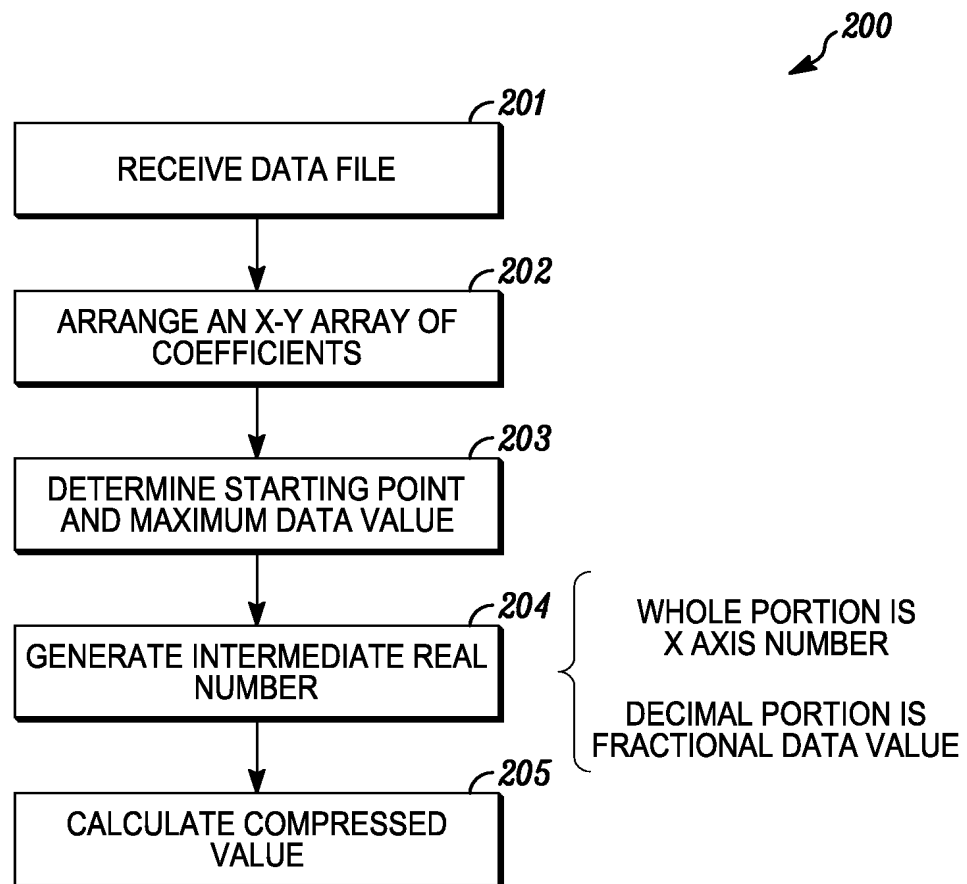
*FIG. 12**FIG. 13*

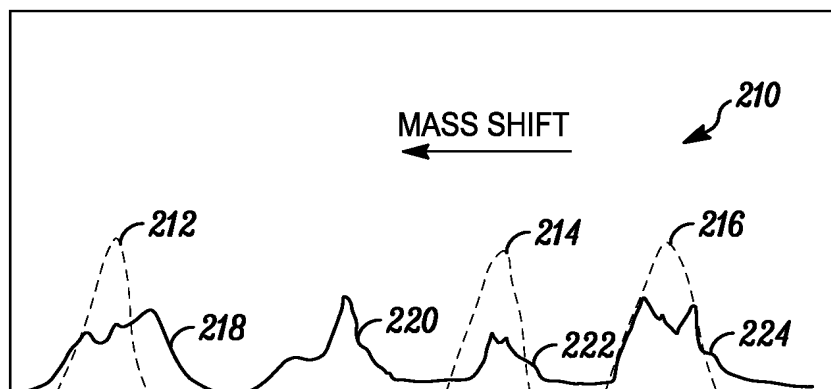
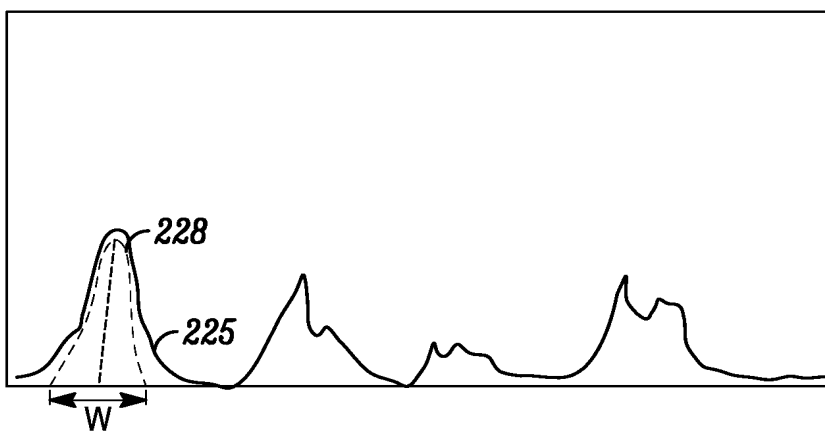


*FIG. 15**FIG. 16*

*FIG. 17*

| NON-0 COEFFICIENTS | VALUE | INTERMEDIATE | RELATIVE |
|-----------------------|------------|--------------|-----------|
| 100 | 25 | 100.025 | 100.025 |
| 150 | 220 | 150.220 | 50.220 |
| 500 | .1 | 500.0001 | 350.0001 |
| 10,050 | 800 | 10,050.8 | 9550.8 |
| 10,075 | 890 | 10,075.89 | 25.89 |
| 11,125 | 910 | 11,125.91 | 150.91 |
| 12,100 | 1000 (MAX) | 12,100.99999 | 975.99999 |
| 13,250 | 940 | 13,250.94 | 1150.94 |

FIG. 18*FIG. 19*

*FIG. 20**FIG. 21*

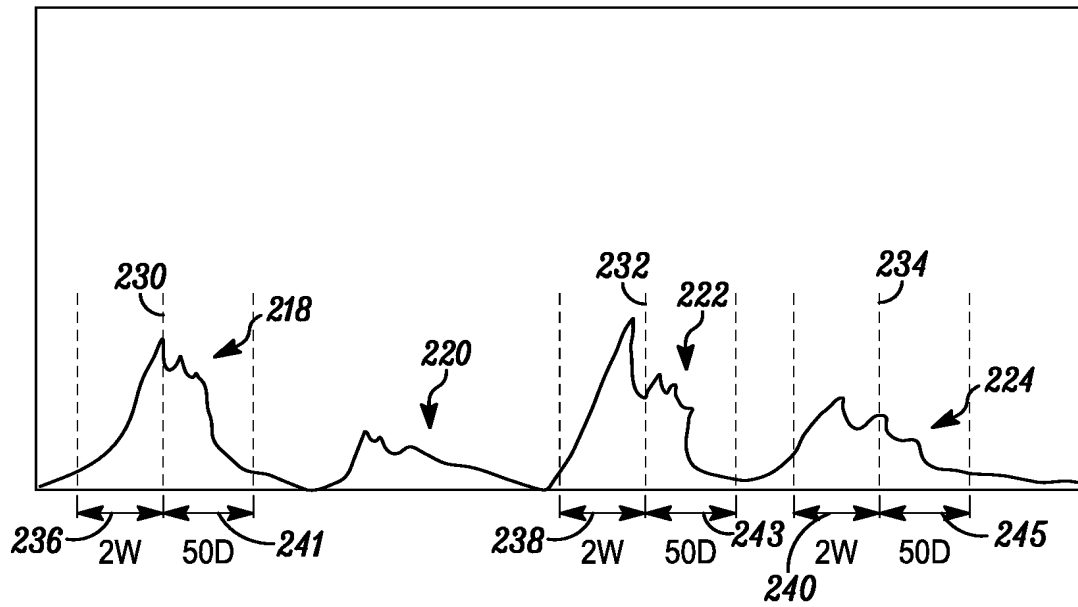


FIG. 22

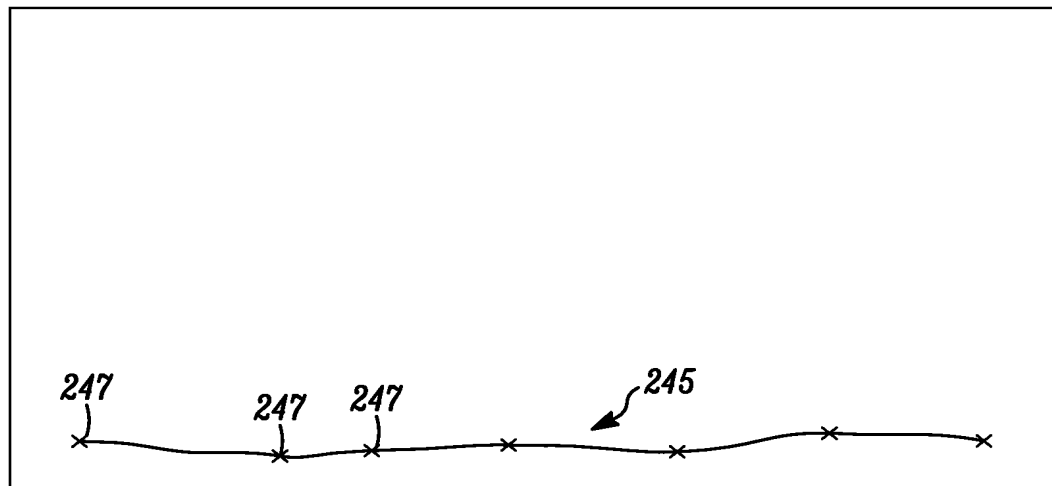


FIG. 23

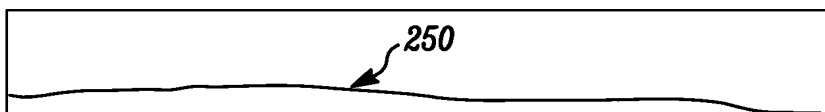


FIG. 24

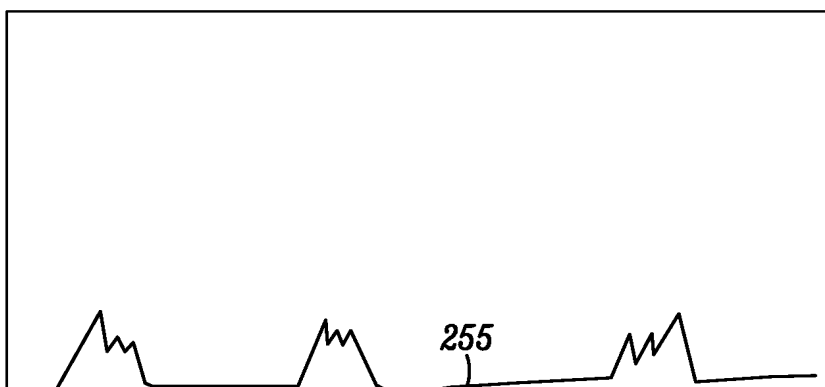


FIG. 25

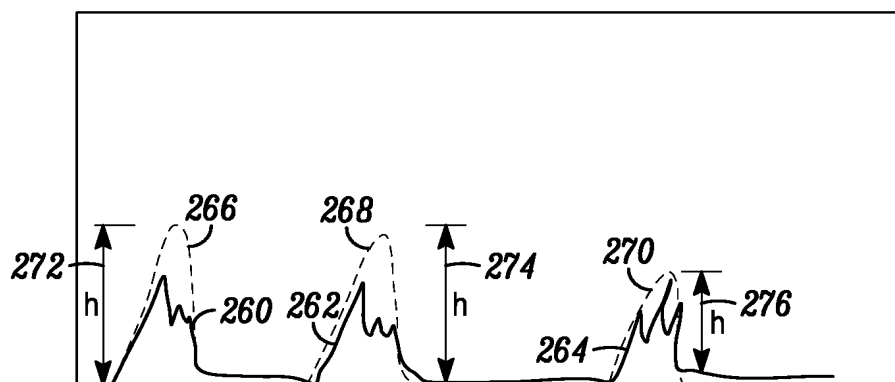
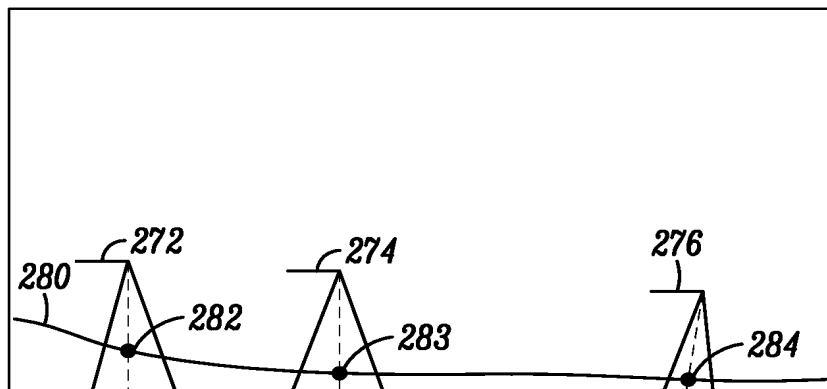
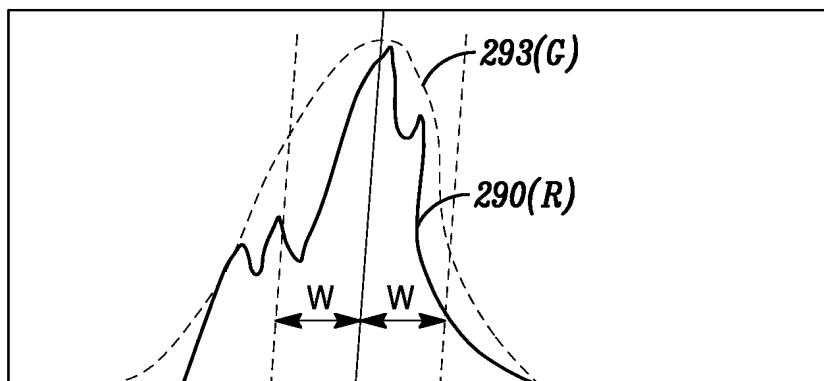


FIG. 26

*FIG. 27**FIG. 28*

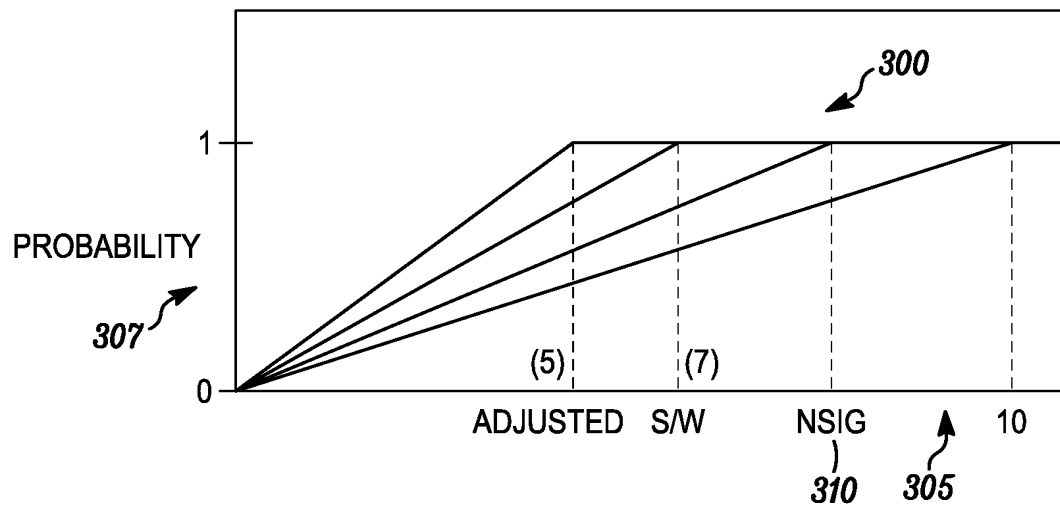


FIG. 29

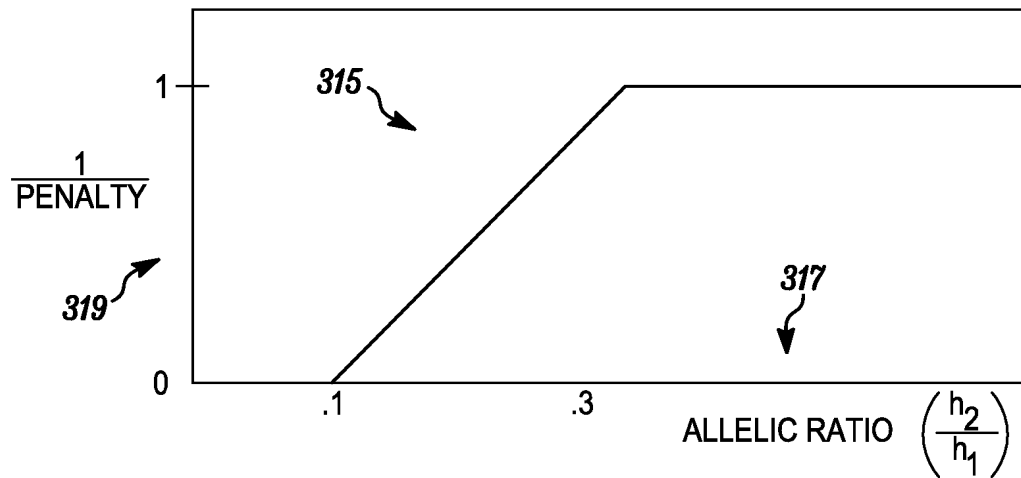
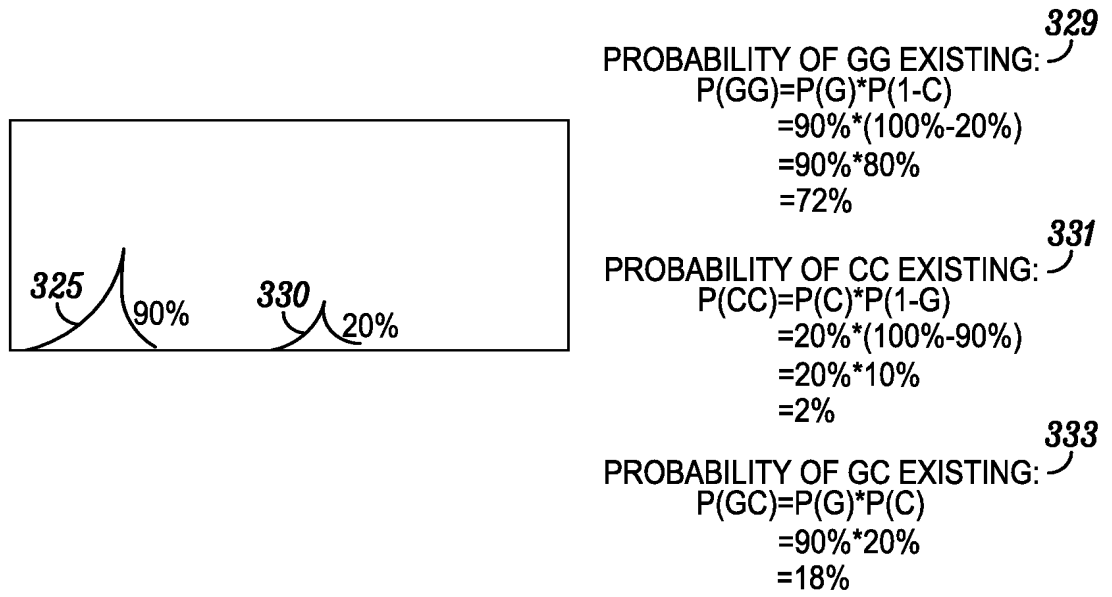
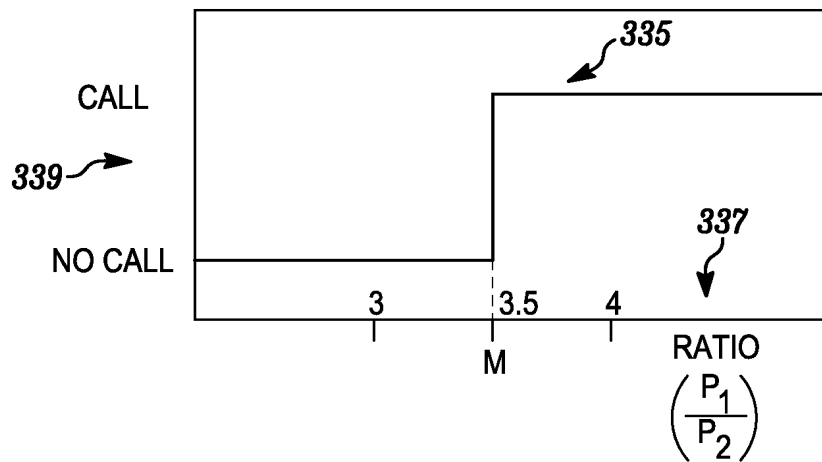
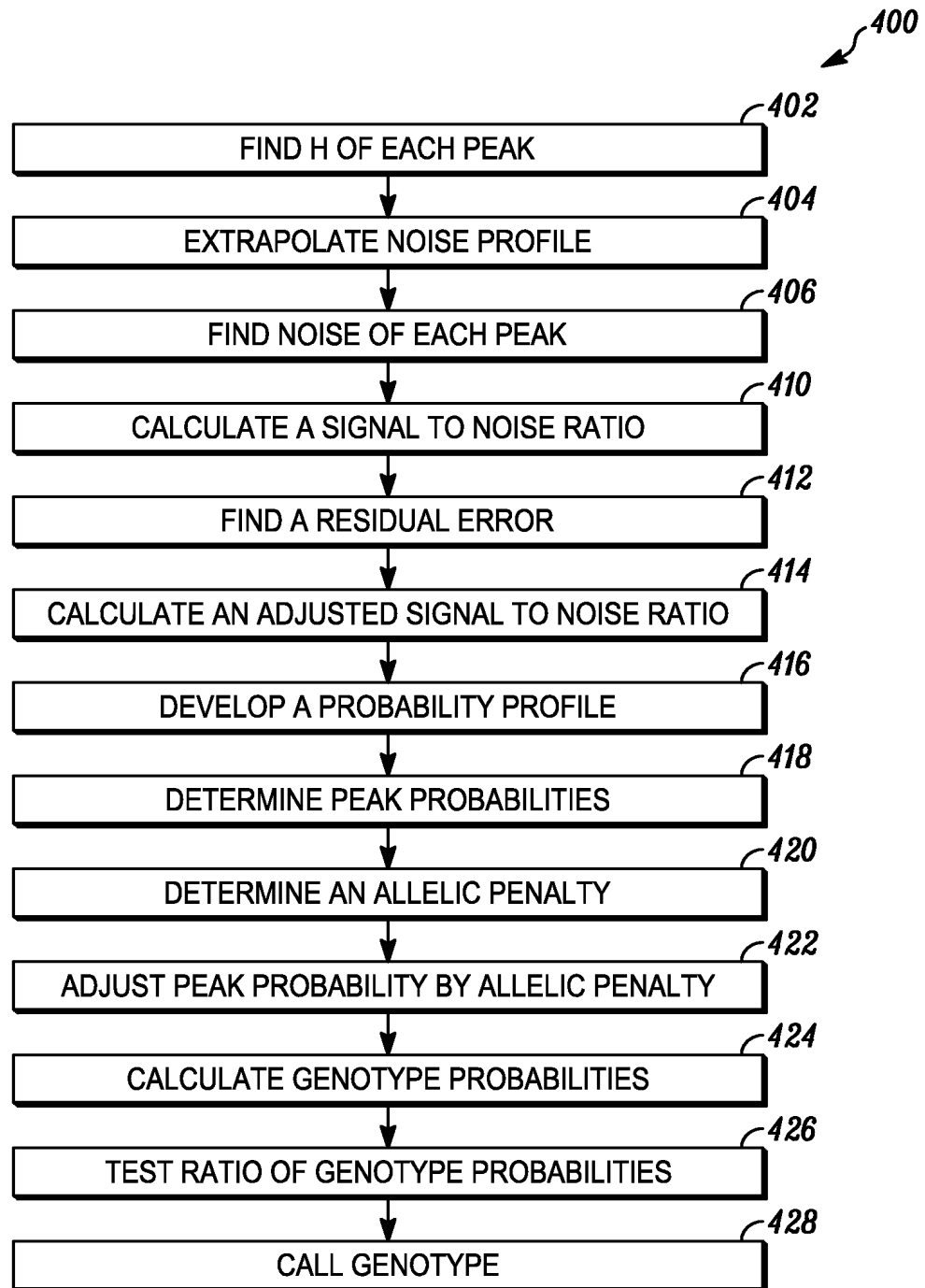


FIG. 30

*FIG. 31**FIG. 32*

*FIG. 33*